

IS&R	3181	(375/316,341,340,346).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:14
BRS	3030	multitone\$1 or (multi adj tone\$1)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:15
BRS	450	time adj domain near3 window\$	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:22
BRS	588	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:00
BRS	6399	maximum adj likelihood	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:00
BRS	11880	fft	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:16
BRS	33965	fourier adj transform\$1	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:16
BRS	36981	fft or (fourier adj transform\$1)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:16
BRS	6487	mlse or (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:09
		((fft or (fourier adj transform\$1)) same (mlse or (maximum adj likelihood)) same		
		(multitone\$1 or (multi adj tone\$1))		
BRS	1	per adj bin	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:18
BRS	346	(per adj bin) or per-bin	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:18
BRS	346	((per adj bin) or per-bin) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:19
BRS	1	per-bin	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:19
BRS	9	frequency adj domain near3 window\$	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	317	(time adj domain near3 window\$) same ((per adj bin) or per-bin)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	0	frequency adj domain with window\$	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	832	(time adj domain near3 window\$) same (frequency adj domain near3 window\$)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	63			
BRS	2	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same fir	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:24
BRS	7	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:27
		(equaliz\$ or equalis\$)		
BRS	1	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
		(equaliz\$ or equalis\$) and 6208297.pn.		
BRS	0	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:27
		(equaliz\$ or equalis\$) and 6208297.pn.) and mlse		
BRS	1	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:27
		(equaliz\$ or equalis\$) and 6208297.pn.) and maximum		
BRS	2	6208297.pn.	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
BRS	1	6208297.pn. and (time with equali\$)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
IS&R	4	((("6396886" or ("6563841"))).PN.	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
BRS	1	((("6396886" or ("6563841"))).PN.) and bin	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:27
BRS	14	per-bin	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:34
BRS	1	((("6396886" or ("6563841"))).PN.) and decoding	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:31
BRS	2	((("6396886" or ("6563841"))).PN.) and "38"	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:31
BRS	50272	bin	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	51	bin near3 equali\$5	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	943	maximum adj likelihood adj sequence adj estimat\$5	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	633	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	1070	(maximum adj likelihood adj sequence adj estimat\$5) or mlse	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	0	(bin near3 equali\$5) same ((maximum adj likelihood adj sequence adj estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	4	(bin near3 equali\$5) and ((maximum adj likelihood adj sequence adj estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:36
		((bin near3 equali\$5) and ((maximum adj likelihood adj sequence adj estimat\$5) or mlse))		
BRS	4	and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:41
		((bin near3 equali\$5) and ((maximum adj likelihood adj sequence adj estimat\$5) or mlse))		
BRS	1	and @ad<20000602) and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:41
BRS	2	6563841.pn. and frequency	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:16
BRS	2	(6563841.pn. and frequency) and domain	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:05
BRS	1	6563841.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:17
BRS	1	6563841.pn. and interference	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:19
BRS	1	6563841.pn. and digital	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:08
BRS	1	6563841.pn. and (equali\$ and bin\$4)	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:12
BRS	1	6563841.pn. and fir	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:14
BRS	1	6563841.pn. and axis	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:16
BRS	0	6563841.pn. and search	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:16
BRS	0	6563841.pn. and search\$	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:16
BRS	1	6563841.pn. and viterbi	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:17
BRS	2	6563841.pn. and (frequency same equali\$)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:38
BRS	0	6563841.pn. and (metric)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:38
BRS	0	6563841.pn. and (metric\$2)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:40
BRS	0	6563841.pn. and state	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:56
BRS	1	6563841.pn. and coefficient\$3	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:00
BRS	0	6563841.pn. and mslse	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:00
BRS	1	6563841.pn. and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:01
BRS	1	6563841.pn. and maximum	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:01
BRS	0	mlse with stat adj metric	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:02
BRS	4	mlse with state adj metric	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:08
BRS	464	state adj metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:08
BRS	5104	subtract\$4 near3 (noise or interfer\$5)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:10
BRS	6891	mlse or (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:09
		(state adj metric\$1) same (subtract\$4 near3 (noise or interfer\$5)) same (mlse or		
		(maximum adj likelihood))		
BRS	0	noise or interfer\$5	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:15
BRS	1072395		USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:10
BRS	8	(state adj metric\$1) same (noise or interfer\$5) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:11

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BRS	422	bin\$2 with decod\$4	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:11
BRS	5	(bin\$2 with decod\$4) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:17
IS&R	1282	((375/341) or (714/794-796)).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:46
BRS	633	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:46
BRS	2580	maximum adj likelihood near4 estimat\$4	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:47
BRS	2689	mlse or (maximum adj likelihood near4 estimat\$4)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:49
BRS	1294	state near3 metric\$2	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:49
BRS	81	((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:50
		((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same		
BRS	1	coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:49
BRS	38	((mlse or (maximum adj likelihood near4 estimat\$4)) same fourier	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:50
		((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same		
BRS	0	coefficient\$1) and ((mlse or (maximum adj likelihood near4 estimat\$4)) same fourier)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:51
		((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same		
BRS	0	coefficient\$1) and fourier	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:51
		((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same		
BRS	0	coefficient\$1) and fft	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:51
BRS	53646	fft or fourier	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:52
BRS	513	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:52
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path)		
BRS	22	near3 metric\$)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:52
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	15	path) near3 metric\$) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:40
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	15	path) near3 metric\$) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:07
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	14	path) near3 metric\$) and @ad<20000602) and decod\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:41
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	11	path) near3 metric\$) and @ad<20000602) and bin\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:42
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	0	path) near3 metric\$) and @ad<20000602) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:42
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	1	path) near3 metric\$) and @ad<20000602) and 5867532.pn.	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:50
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	0	path) near3 metric\$) and @ad<20000602) and 5867532.pn.) and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:50
BRS	56	(additive near3 noise) same window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:50
BRS	0	(additive near3 noise) with (time or frequency) near3 window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	30108	(time or frequency) near3 window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	669	((time or frequency) near3 window\$3) near3 domain	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	100	((time or frequency) near3 window\$3) near3 domain) same noise	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	3	((time or frequency) near3 window\$3) near3 domain) same noise) same color\$5	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:05
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	0	path) near3 metric\$) and @ad<20000602) and 5867532.pn.) and tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:05
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	0	path) near3 metric\$) and @ad<20000602) and 5867532.pn.) and dmt	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:05
BRS	7425	dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:18
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	1	path) near3 metric\$) and @ad<20000602) and 5867532.pn.) and multi\$6	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:06
		((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or		
BRS	0	path) near3 metric\$) and @ad<20000602) and (dmt or (multitone\$3 or (multi adj tone\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:08
BRS	572	or multi-tone\$3))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:08
		(dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)) and fft		
BRS	0	((dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)) and fft) and msle	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:08
BRS	4	((dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)) and fft) and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:13
BRS	2462	definition with discrete multi-tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:14
BRS	2	definition with discrete adj multi-tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:14
BRS	1	viterbi with discrete adj multi-tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:14
BRS	5601	dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:25
		(dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and (fourier or		
BRS	736	fft)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:26
BRS	3889	((fourier or fft) same window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:26
		(dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or		
BRS	86	fft) same window\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:26
		((dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or		
BRS	53	fft) same window\$3)) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:28
BRS	1	6563864.pn. and discrete	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:29
		((dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier		
BRS	21	or fft) same window\$3)) and @ad<20000602) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:33
BRS	286848	mlse or estimat\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:33
		((dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier		
BRS	16	or fft) same window\$3)) and @ad<20000602) and bin\$1) and (mlse or estimat\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:48
BRS	0	6097763.pn. and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:50
BRS	0	6097763.pn. and metric\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:50
BRS	0	6097763.pn. and state	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:50
BRS	0	6097763.pn. and states	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:51
BRS	1	6097763.pn. and decod\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:03

BRS	1	6097763.pn. and (noise)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:06
BRS	810515	6097763.pn. and digital	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:06
BRS	1	6097763.pn. and digital	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:07
BRS	0	6097763.pn. and dsl	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:10
BRS	1	6097763.pn. and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:17
BRS	1	6097763.pn. and coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:17
BRS	6801	maximum adj likelihood	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:00
BRS	633	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	6892	(maximum adj likelihood) or mlse	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	28853	metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	6848	estimat\$4 near4 noise	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	551	(estimat\$4 near4 noise) with subtract\$4	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:02
BRS	92	((estimat\$4 near4 noise) with subtract\$4) same coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:02
		((estimat\$4 near4 noise) with subtract\$4) same coefficient\$1) same ((maximum adj		
		likelihood) or mlse)		
BRS	3	5668927.pn. and (dmt or discrete)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:04
BRS	1	5668927.pn. and additive	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:05
BRS	0	5668927.pn. and colored	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:05
BRS	0	5668927.pn. and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:10
BRS	0	5668927.pn. and metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:10
BRS	0	5668927.pn. and stat\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:10
BRS	1	5668927.pn. and stat\$2	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:11
BRS	970	((maximum adj likelihood) or mlse) same metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:11
BRS	28	((((maximum adj likelihood) or mlse) same metric\$1) same (estimat\$4 near4 noise)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:11
		((((maximum adj likelihood) or mlse) same metric\$1) same (estimat\$4 near4 noise)) and		
BRS	23	@ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:14
		(((((maximum adj likelihood) or mlse) same metric\$1) same (estimat\$4 near4 noise)) and		
		@ad<20000602) and (noise same coefficient\$1)		
BRS	10	6302576.pn. and metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:21
BRS	2	6302576.pn. and (subtract\$4 same noise)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:24
BRS	0	6302576.pn. and (subtract\$4 and noise)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:27
BRS	2	(6302576.pn. and metric\$1) and (6302576.pn. and (subtract\$4 and noise))	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:25
BRS	0	6302576.pn. and white	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:27
BRS	0	6302576.pn. and additive	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:27
BRS	2	6302576.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 14:31
BRS	2	6302576.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 14:33